

Learning Defense

Name _____

Date _____

Per.

Original assignment

Original due date

Circle one: make up work late work other-explain:

The Learning Defense is to be completed within 2 weeks of the original due date and will not be accepted after the 2 week deadline. The purpose of the Learning Defense is to have an opportunity to think more about the learning that is expected to happen in the original assignment. As developing adults, you have the responsibility of developing your own ability to be a self-directed learner. Once the Learning Defense is completed, **it must be reviewed and signed by a guardian.**

Guardian

Date _____

You MUST explain or describe each question with complete sentences and sincere responses. Use key language from our lessons to help paint a complete and detailed picture of your learning.

1. Which priority standards did the original assignment address and how did the original assignment ask you to think about/learn these standards?

2. Describe how you prepared for the original assignment before the due date.

3. Describe the strengths that you see/have on the assignment.

4. Describe the struggle(s) you have encountered with this assignment.

Original work
must be turned
in for corrections

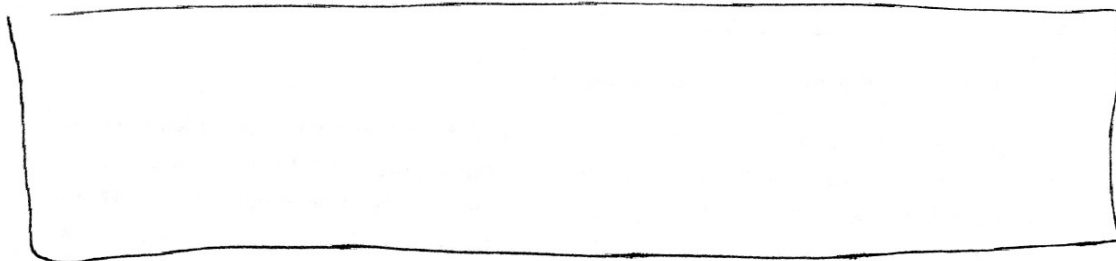
Learning Defenses
WILL NOT
be accepted
if they do
not have the
highlighted

areas properly filled out!

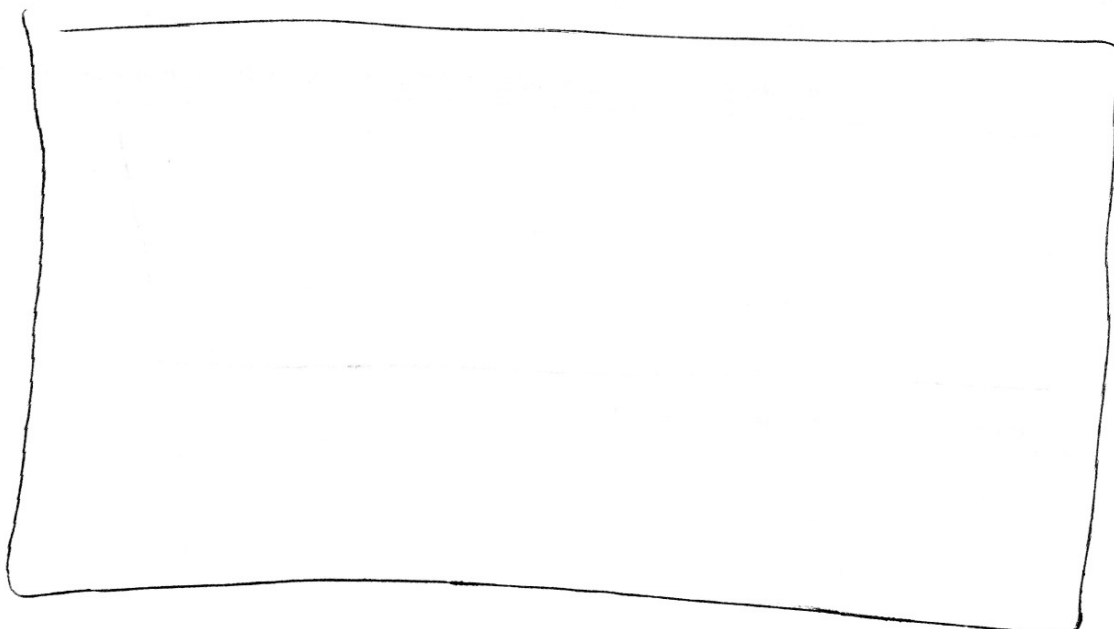
- V -

Ms. Perez

5. **MAKE A PLAN AND DESCRIBE IT.** Identify resources you will use to guide your learning/demonstrate your understanding of the material and explain your plan to use these resources, and describe how your resource addresses what you are struggling with. (ie. "I will redo the assignment I didn't turn in..." "I will find a worksheet online and diagram my answer/solving process...")

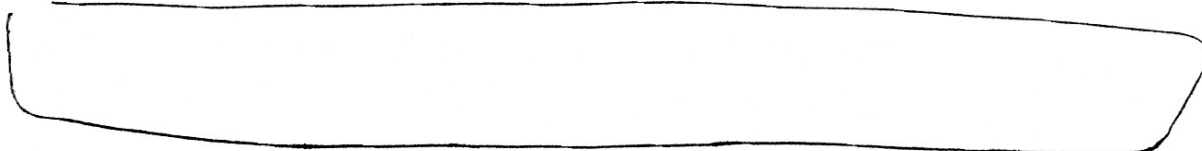


6. Describe your new understanding of the priority standards and the assignment material.



7. Explain how you will prepare for the next time you work with the same standards or for an assignment that you struggle with.

8. Attach any work or evidence of learning (worksheet, notes, project, materials) you used to defend that you have learned the expected material.



Learning Defense

Name Cassandra Rodriguez Date 11/13/13 Per. 1

Original assignment Quiz - Graphing Linear Relationship Original due date 10/15/13

Circle one: make up work ☐ late work ☒ other-explain: ☐

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Guardian Mr. P Date 11/13/13

You MUST explain or describe each question with complete sentences and sincere responses. Use key language from our lessons to help paint a complete and detailed picture of your learning.

1. Which priority standards did the original assignment address and how did the original assignment ask you to think about/learn these standards?

REI.10 - a graph of an equation is the set of the points that are true

I used an equation table to find coordinates & graph and we graphed by finding x & y-intercepts.

2. Describe how you prepared for the original assignment before the due date.

I was busy with soccer practice before this quiz & didn't study or do homework at all.

3. Describe the strengths that you see/have on the assignment.

I am really good at making a table with the equation, plotting points & then drawing the line.

4. Describe the struggle(s) you have encountered with this assignment.

I didn't understand how to find the x & y-intercepts.

5. MAKE A PLAN AND DESCRIBE IT. Identify resources you will use to guide your learning/demonstrate your understanding of the material and explain your plan to use these resources, and describe how your resource addresses what you are struggling with. (ie. "I will redo the assignment I didn't turn in...", "I will find a worksheet online and diagram my answer/solving process...")

I plan on watching a Khan Academy video to learn how to find x & y-int. Then I will find two equations online & diagram finding the x & y-int. so I can show that I fully understand it.

6. Describe your new understanding of the priority standards and the assignment material.

Now I see that finding the x & y-ints are not very hard at all. To find the x-int, I make $y=0$ & solve for x. To find the y-int, I make $x=0$ & solve; which also happens to be "b" (if equation is in $y=mx+b$ form).

7. Explain how you will prepare for the next time you work with the same standards or for an assignment that you struggle with.

Next time I will study for a quiz the first time and if I do make mistakes, I will correct them within the 2 week window so I don't need to make my own assignment.

8. Attach any work or evidence of learning (worksheet, notes, project; materials) you used to defend that you have learned the expected material.

I have attached my original quiz & the make-up problems.

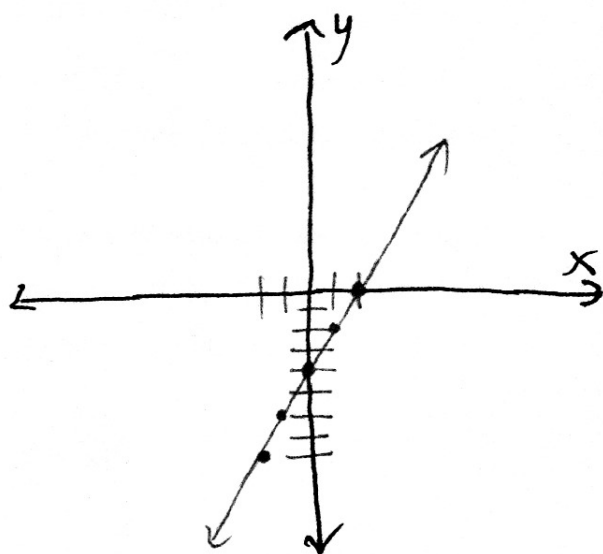
name Cassandra Rodriguez Date 11/13 Per

Alg. I Quiz - Graphing linear relationships

REI.10

① Make an equation table
to graph:

X	$y = 2x - 4$	(x, y)
-2	$2(-2) - 4 = -4 - 4 = -8$	$(-2, -8)$
-1	$2(-1) - 4 = -2 - 4 = -6$	$(-1, -6)$
0	$2(0) - 4 = -4$	$(0, -4)$
1	$2(1) - 4 = 2 - 4 = -2$	$(1, -2)$
2	$2(2) - 4 = 4 - 4 = 0$	$(2, 0)$



② Find the x & y-intercepts
& graph:

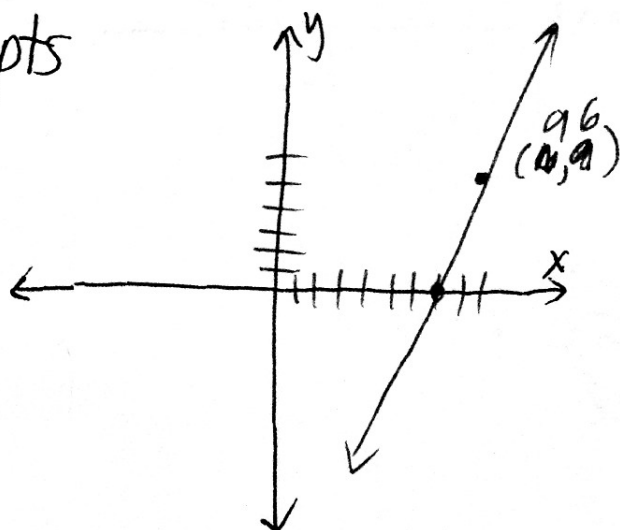
$$y = -3x + 9$$

$$y = -3x + 9$$

$$0 = 0(0) + 9$$

9

$$9 = -3(0) + 9$$
$$y = 6$$



① $y = 5x - 2$

To find the x-int.,
I first set $y = 0$
 $0 = 5x - 2$

Then I need to
solve for x

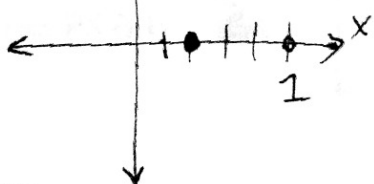
$$0 = 5x - 2$$

$$+ 2 \quad + 2$$

$$\frac{2}{5} = \frac{5x}{5}$$

$$x = \frac{2}{5}$$

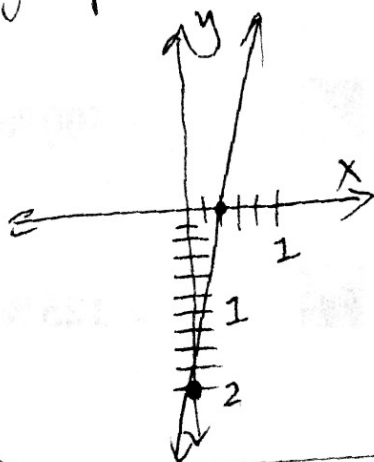
now I know my
x-int. is at $(\frac{2}{5}, 0)$



To Find my y-int.,
I then set $x = 0$

$$y = 5(0) - 2$$

now I can add
my y-int to the
graph $(0, -2)$



so I solve for y

$$y = 0 - 2$$

$$y = -2$$

my final step is to
draw the line

2. $y = \frac{1}{2}x + 1$

To find the x-int,
I start by setting
 $y=0$.
 $0 = \frac{1}{2}x + 1$



Then I solve for x .

$$0 = \frac{1}{2}x + 1$$

$$-1 \quad -1$$

$$-1 = \frac{1}{2}x$$

K.C.F.

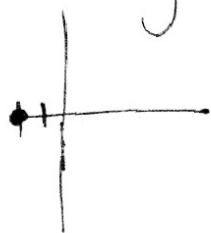
$$\frac{1}{2} \quad \frac{1}{2}$$

$$-1 \times \frac{2}{1} = x$$

$$x = -2$$



My x-int is $(-2, 0)$
& I can graph it



Then I solve for y

$$y = \frac{1}{2}(0) + 1$$

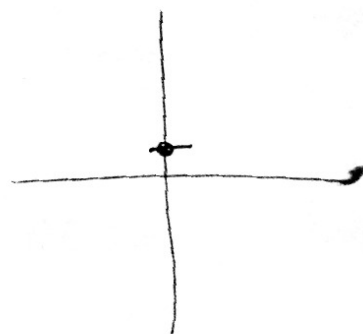
$$y = 1$$



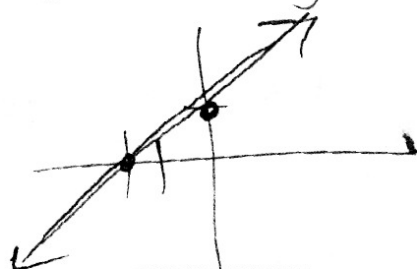
Finding the y-int,
I set $x=0$.

$$y = \frac{1}{2}(0) + 1$$

The y-int graphed
is $(0, 1)$



last I draw the
line connecting both
int.



Learning Defense

Name Cassandra Rodriguez Date 11/13/13 Per. 3

Original assignment Properties of Polynomials Original due date 11/4

Circle one: make up work ☒ late work ☐ other-explain: Quiz

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Guardian Mr. P Date 11/13/13

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1. Which priority standards did the original assignment address and how did the original assignment ask you to think about/learn these standards?

RN.1 & RN.2 - understand properties of exponents & be able to explain them.

The quiz asked me to use distribution, combine like terms, & simplify.

2. Describe how you prepared for the original assignment before the due date.

I was absent the day we took this quiz & I didn't plan a ~~day~~^{time} to ~~go~~ take the quiz the next day.

3. Describe the strengths that you see/have on the assignment.

I am really good at simplifying polynomials & foil-ing.

4. Describe the struggle(s) you have encountered with this assignment.

I need to remember to make up work when I am absent.

5. **MAKE A PLAN AND DESCRIBE IT.** Identify resources you will use to guide your learning/demonstrate your understanding of the material and explain your plan to use these resources, and describe how your resource addresses what you are struggling with. (ie. "I will redo the assignment I didn't turn in...", "I will find a worksheet online and diagram my answer/solving process...")

I plan on taking the quiz during lunch since it is still within the 2 week make up period.

6. **Describe your new understanding of the priority standards and the assignment material.**

Now that we have taken the quiz, I now see that it would have been so much easier to just take it right after we learned it when it is all fresh. I am still going to need more practice on distribution of a binomial to a trinomial before the test.

7. **Explain how you will prepare for the next time you work with the same standards or for an assignment that you struggle with.**

I will watch a Khan Academy video about distribution before the test.

8. **Attach any work or evidence of learning (worksheet, notes, project, materials) you used to defend that you have learned the expected material.**

I have attached the quiz.

name Cassandra Rodriguez Date 11/13

Alg. 2 Properties of Polynomials Quiz RN.1
RN.2

State the degree of the polynomial.

① $24y - 8y^2 + 20y^3$ D = 3

② $12x^2 - 4x - 5 + x^{-6}$ D = 2

Simplify

③ $(7y^2 + 12xy - 5x^2) + (6xy - 4y^2 - 3x^2)$
 $[3y^2 + 18xy - 8x^2]$

④ $(18p^2 + 11pq - 6q^2) - (15p^2 - 3pq + 4q^2)$
 $[3p^2 + 14pq - 10q^2]$

⑤ $-5y^2(y^2 + 2y - 3)$
 $[-5y^4 - 10y^3 + 15y^2]$

$$\textcircled{6} (3x-2)(x+10)$$

$$3x^2 + 30x - 2x - 20$$

$$3x^2 + 28x - 20$$

$$\textcircled{7} (7x-2)(2x-7)$$

$$14x^2 - 49x - 4x + 14$$

$$14x^2 - 53x + 14$$

$$\textcircled{8} (x-1)(x^2-3x+4)$$

$$x^3 - 3x^2 + 4x - x^2 + 3x - 4$$

$$x^3 - 4x^2 + 7x - 4$$

$$\textcircled{9} 3(3a+5c) - 2(4a-6c)$$

$$9a + 15c - 8a + 12c$$

$$a + 27c$$

$$\textcircled{10} 2x(x+5) - x^2(3-x)$$

$$2x^2 + 10x - 3x^2 + x^3$$

$$x^3 - x^2 + 10x$$